

*FIG. 1*

OS IP TABLE

| AVAILABLE IPs | IP PERFORMANCE | UNAVAILABLE IPs |
|---------------|----------------|-----------------|
| IP-000        | 100%           |                 |
| IP-001        | 100%           |                 |
| IP-002        | 100%           |                 |
| IP-003        | 100%           |                 |
|               |                | IP-004          |
|               |                | IP-005          |
|               |                | IP-006          |
|               |                | IP-007          |

OS IP TABLE

| AVAILABLE IPs | IP PERFORMANCE | UNAVAILABLE IPs |
|---------------|----------------|-----------------|
| IP-000        | 100%           |                 |
| IP-001        | 100%           |                 |
| IP-002        | 100%           |                 |
| IP-003        | 100%           |                 |
|               |                | IP-004          |
|               |                | IP-005          |
|               |                | IP-006          |
|               |                | IP-007          |

FIG. 3

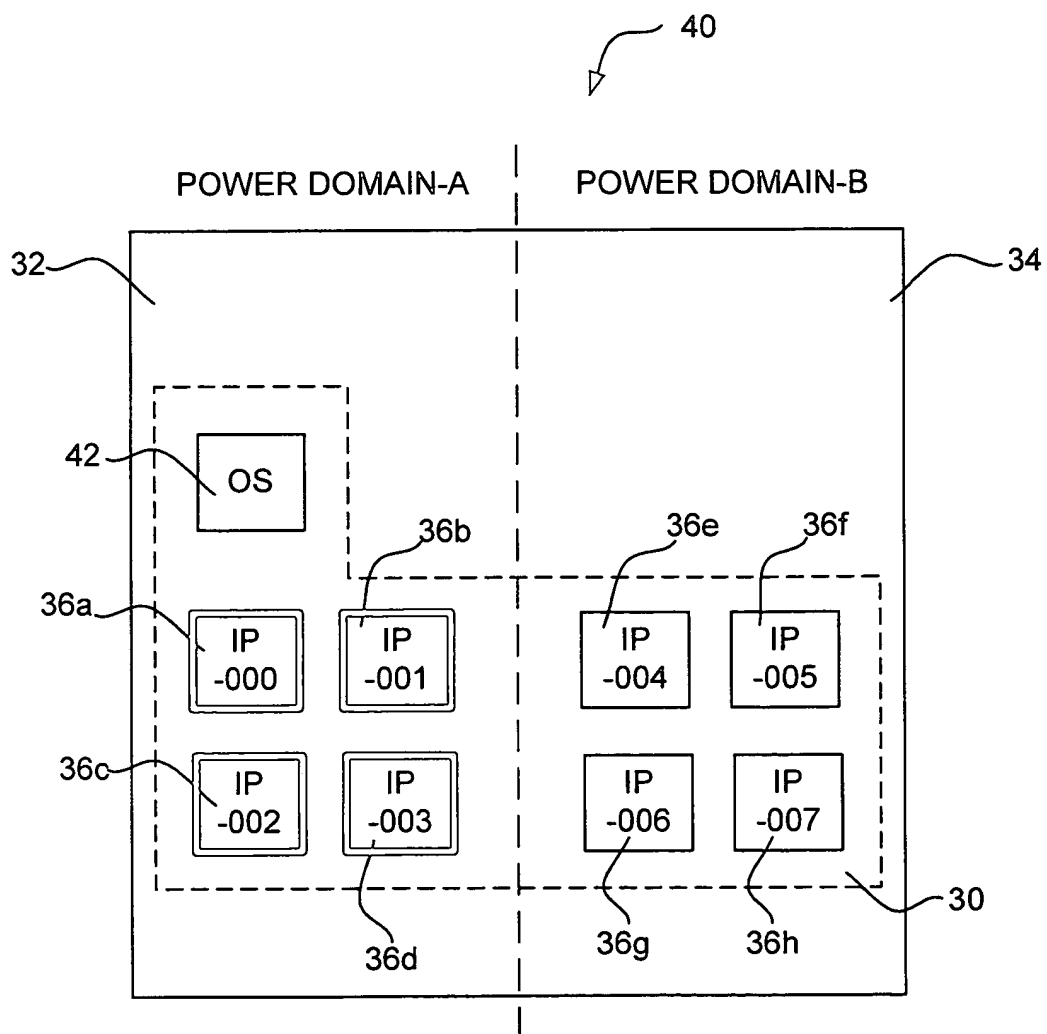


FIG. 4



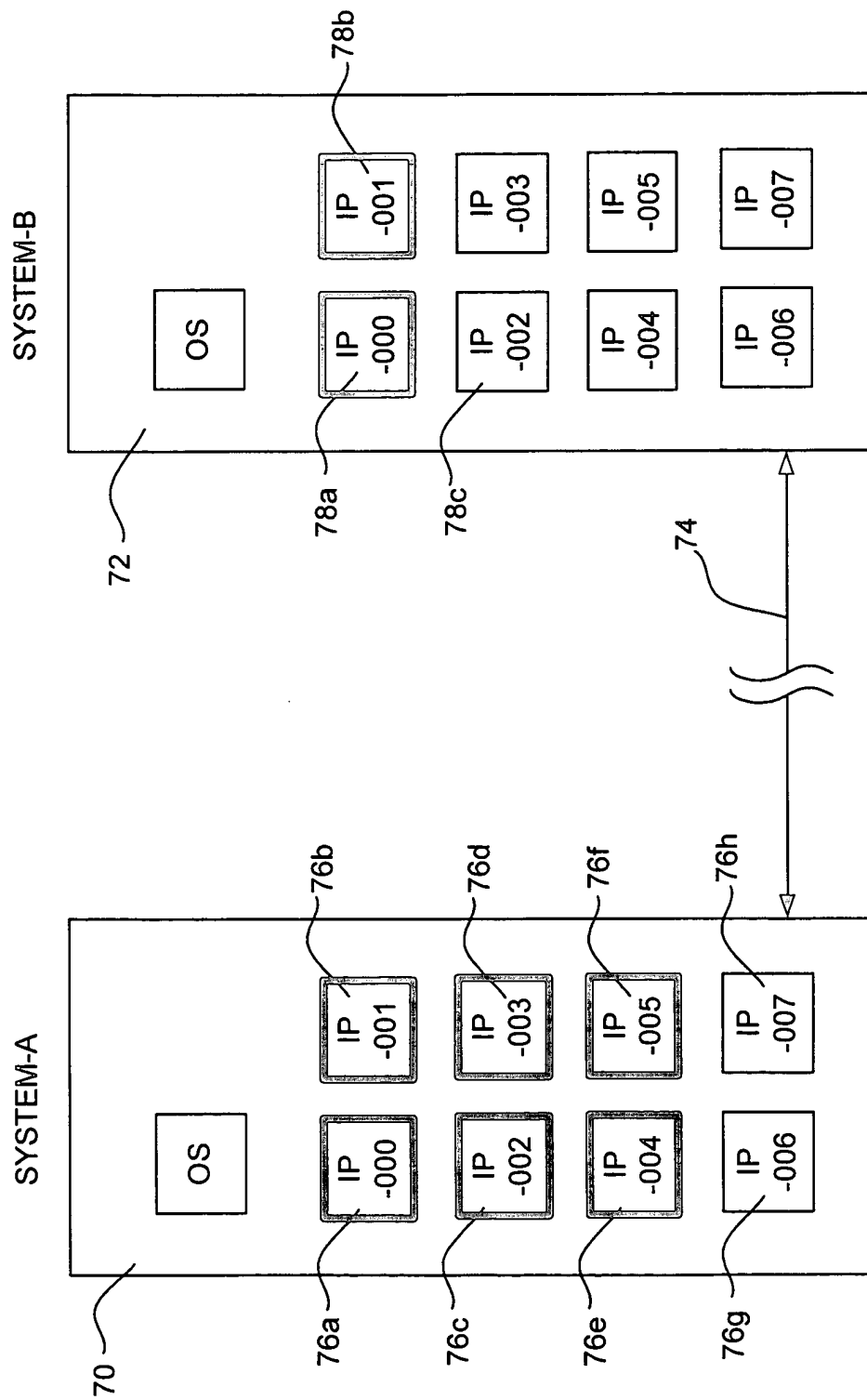


FIG. 6.

[illegible]

**FIG. 7**

**FIG. 8**

| PARAMETER             | ATTRIBUTES |
|-----------------------|------------|
| MODEL NUMBER          | IX6601-41  |
| SERIAL NUMBER         | 00001000   |
| MAXIMUM PERFORMANCE   | 100%       |
| MAXIMUM NUMBER OF IPs | Any 1      |
| IP IDENTIFIER         | N/A        |
| EXPIRATION DATE       | 1-Jan-01   |
| MAXIMUM TIME OF USE   | 10 DAYS    |

[illegible]

**FIG. 9**

| PARAMETER             | ATTRIBUTES |
|-----------------------|------------|
| MODEL NUMBER          | IX6802-84  |
| SERIAL NUMBER         | 00001001   |
| MAXIMUM PERFORMANCE   | 100%       |
| MAXIMUM NUMBER OF IPs | Any 4      |
| IP IDENTIFIER         | N/A        |
| EXPIRATION DATE       | 1-Jan-01   |
| MAXIMUM TIME OF USE   | 10 DAYS    |

*FIG. 10*

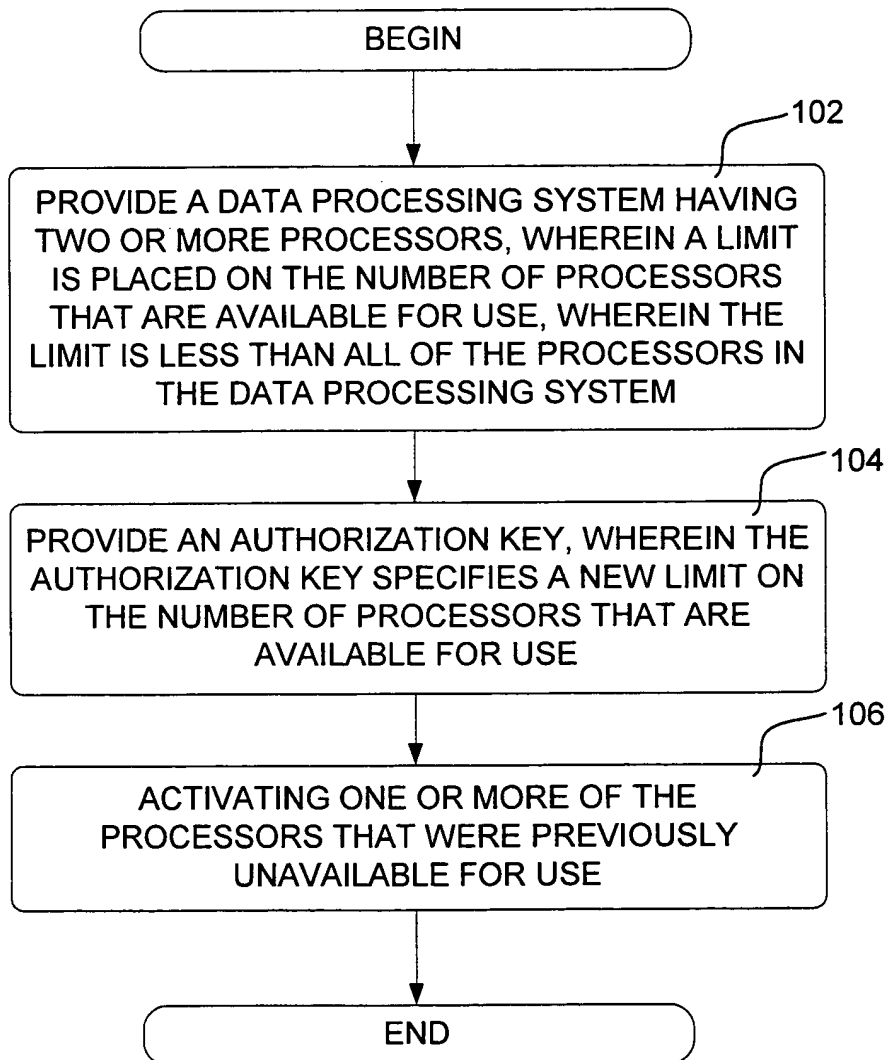
1. The Board of Directors of the company shall have the authority to issue and sell shares of common stock of the company, subject to the approval of the stockholders of the company.

*FIG. 11*

| PARAMETER             | ATTRIBUTES |
|-----------------------|------------|
| MODEL NUMBER          | IX6802-88  |
| SERIAL NUMBER         | 00001002   |
| MAXIMUM PERFORMANCE   | 100%       |
| MAXIMUM NUMBER OF IPs | 8          |
| IP IDENTIFIER         | N/A        |
| EXPIRATION DATE       | 1-Jan-01   |
| MAXIMUM TIME OF USE   | 10 DAYS    |

**FIG. 12**





*FIG. 13*

```

graph TD
    BEGIN([BEGIN]) --> 112[112]
    112[112] --> 130[130]
    130[130] --> 114[114]
    114[114] --> 116[116]
    116[116] -- NO --> 118[118]
    116[116] -- YES --> 114[114]
    118[118] -- NO --> 119[119]
    118[118] -- YES --> 114[114]
    119[119] --> 120[120]
    120[120] -- YES --> 114[114]
    120[120] -- NO --> END([END])

```

BEGIN  
 112  
 PROVIDE A DATA PROCESSING SYSTEM HAVING TWO OR MORE PROCESSORS, WHEREIN AN ORIGINAL LIMIT IS PLACED ON THE NUMBER OF PROCESSORS THAT ARE AVAILABLE FOR USE, WHEREIN THE ORIGINAL LIMIT IS LESS THAN ALL OF THE PROCESSORS IN THE DATA PROCESSING SYSTEM  
 130  
 RUN  
 114  
 PROVIDE AN AUTHORIZATION KEY, WHEREIN THE AUTHORIZATION KEY SPECIFIES A NEW LIMIT ON THE NUMBER OF PROCESSORS THAT ARE AVAILABLE FOR USE, THE AUTHORIZATION KEY ALSO SPECIFYING AN EXPIRATION DATE AND A MAXIMUM TIME OF USE  
 116  
 HAS THE AUTHORIZATION KEY EXPIRED?  
 YES  
 NO  
 118  
 HAS THE MAXIMUM TIME OF USE BEEN EXCEEDED?  
 YES  
 NO  
 119  
 PERFORM ONE OR MORE IP "UP" COMMANDS  
 120  
 WILL MORE THAN THE NEW LIMIT OF PROCESSORS BE EXCEEDED?  
 YES  
 NO  
 END

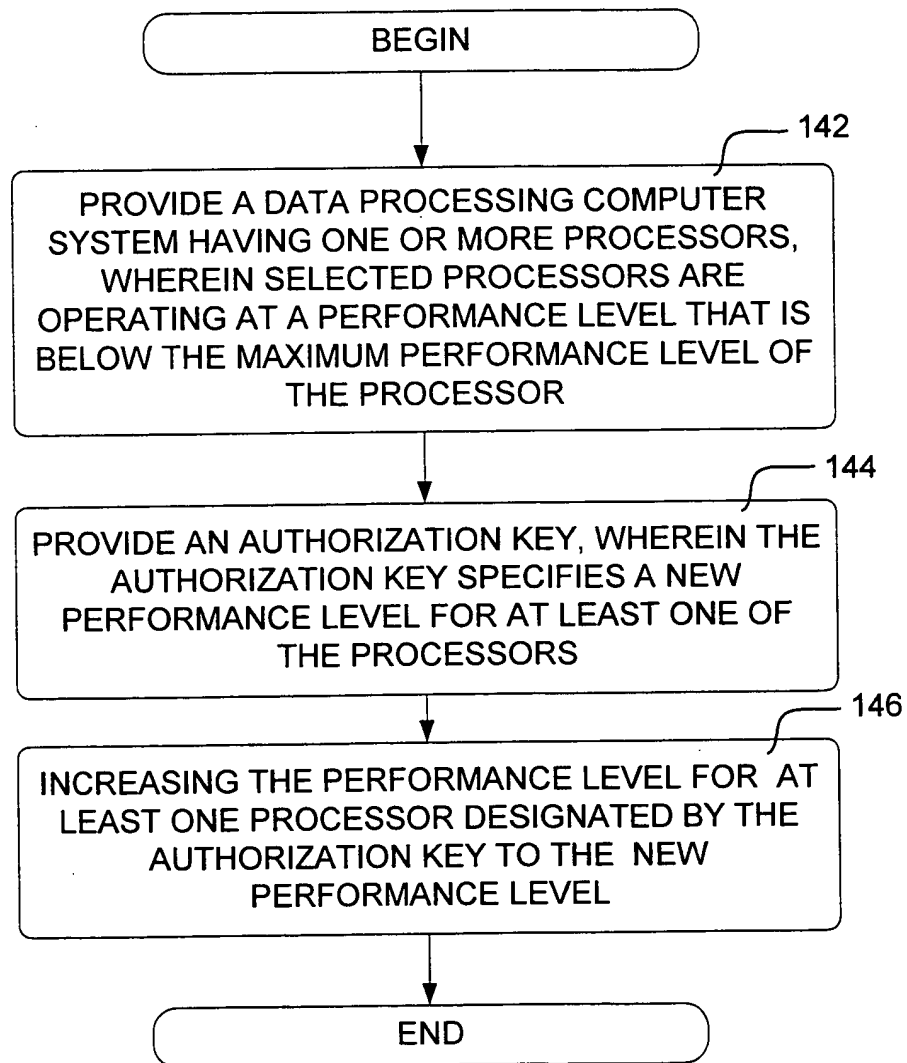
• •

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graph TD
    Entry(( )) --> 122[ACTIVATE ONE OR MORE OF THE PROCESSORS  
THAT WERE PREVIOUSLY UNAVAILABLE FOR USE]
    122 --> 124[HAS THE AUTHORIZATION KEY EXPIRED?]
    124 -- YES --> 128[DE-ACTIVATE ENOUGH PROCESSORS SO THAT  
THE NUMBER OF ACTIVE PROCESSORS IS LESS  
THAN OR EQUAL TO THE ORIGINAL LIMIT OF  
PROCESSORS]
    124 -- NO --> 126[HAS THE MAXIMUM TIME OF USE BEEN  
EXCEEDED?]
    126 -- YES --> 128
    126 -- NO --> 124
    128 --> Run[RUN]
    Run --> Entry

```





*FIG. 15*

```
graph TD; BEGIN([BEGIN]) --> 162[162 PROVIDE A DATA PROCESSING SYSTEM HAVING ONE OR MORE PROCESSORS, WHEREIN SELECTED PROCESSORS ARE OPERATING AT A PERFORMANCE LEVEL THAT IS BELOW THE MAXIMUM PERFORMANCE LEVEL OF THE PROCESSOR]; 162 --> 178[178 RUN]; 178 --> 164[164 PROVIDE AN AUTHORIZATION KEY, WHEREIN THE AUTHORIZATION KEY SPECIFIES A NEW PERFORMANCE LEVEL FOR AT LEAST ONE OF THE PROCESSORS]; 164 --> 166[166 HAS THE AUTHORIZATION KEY EXPIRED?]; 166 -- YES --> 164; 166 -- NO --> 168[168 HAS THE MAXIMUM TIME OF USE BEEN EXCEEDED?]; 168 -- YES --> 164; 168 -- NO --> END([END]);
```

The flowchart illustrates a method for managing the performance of a data processing system. It begins with a 'BEGIN' terminal, leading to step 162: 'PROVIDE A DATA PROCESSING SYSTEM HAVING ONE OR MORE PROCESSORS, WHEREIN SELECTED PROCESSORS ARE OPERATING AT A PERFORMANCE LEVEL THAT IS BELOW THE MAXIMUM PERFORMANCE LEVEL OF THE PROCESSOR'. This leads to step 178: 'RUN'. A dashed line labeled 'RUN' connects step 178 to step 164: 'PROVIDE AN AUTHORIZATION KEY, WHEREIN THE AUTHORIZATION KEY SPECIFIES A NEW PERFORMANCE LEVEL FOR AT LEAST ONE OF THE PROCESSORS'. From step 164, the flow goes to step 166: 'HAS THE AUTHORIZATION KEY EXPIRED?'. If 'YES', it loops back to step 164. If 'NO', it proceeds to step 168: 'HAS THE MAXIMUM TIME OF USE BEEN EXCEEDED?'. If 'YES', it loops back to step 164. If 'NO', it proceeds to an 'END' terminal.

FIG. 16A

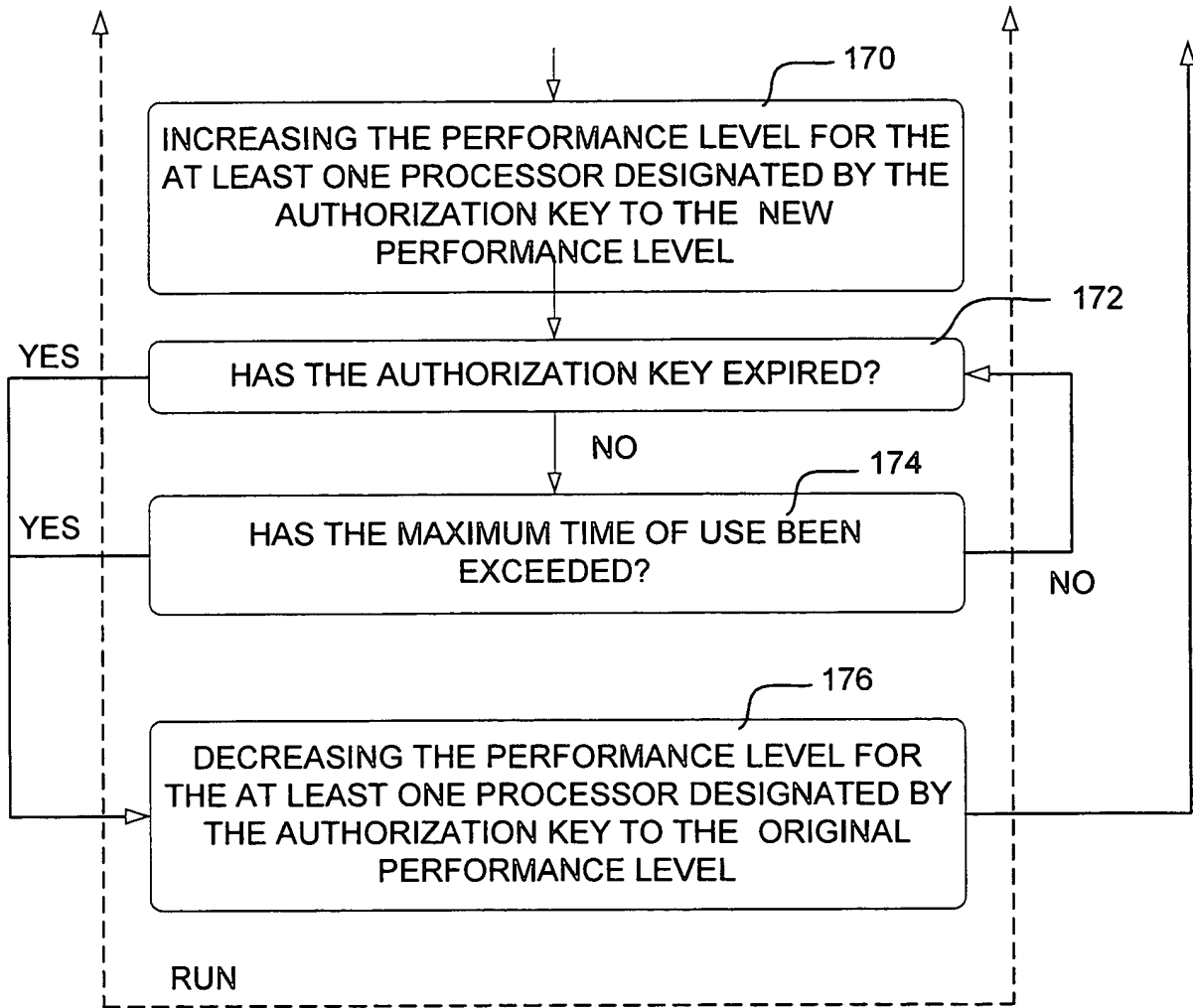


FIG. 16B

**BEGIN**

PROVIDE A DATA PROCESSING SYSTEM HAVING TWO OR MORE PROCESSORS, WHEREIN AN ORIGINAL LIMIT IS PLACED ON THE NUMBER OF PROCESSORS THAT ARE AVAILABLE FOR USE, WHEREIN THE ORIGINAL LIMIT IS LESS THAN ALL OF THE PROCESSORS IN THE DATA PROCESSING SYSTEM, AND WHEREIN SELECTED PROCESSORS ARE OPERATING AT A PERFORMANCE LEVEL THAT IS BELOW THE MAXIMUM PERFORMANCE LEVEL OF THE PROCESSOR

PROVIDE AN AUTHORIZATION KEY, WHEREIN THE AUTHORIZATION KEY SPECIFIES A NEW LIMIT ON THE NUMBER OF PROCESSORS THAT ARE AVAILABLE FOR USE AND A NEW PERFORMANCE LEVEL FOR AT LEAST ONE OF THE PROCESSORS, THE AUTHORIZATION KEY ALSO SPECIFYING AN EXPIRATION DATE AND A MAXIMUM TIME OF USE

## HAS THE AUTHORIZATION KEY EXPIRED?

YES

HAS THE MAXIMUM TIME OF USE BEEN EXCEEDED?

NO

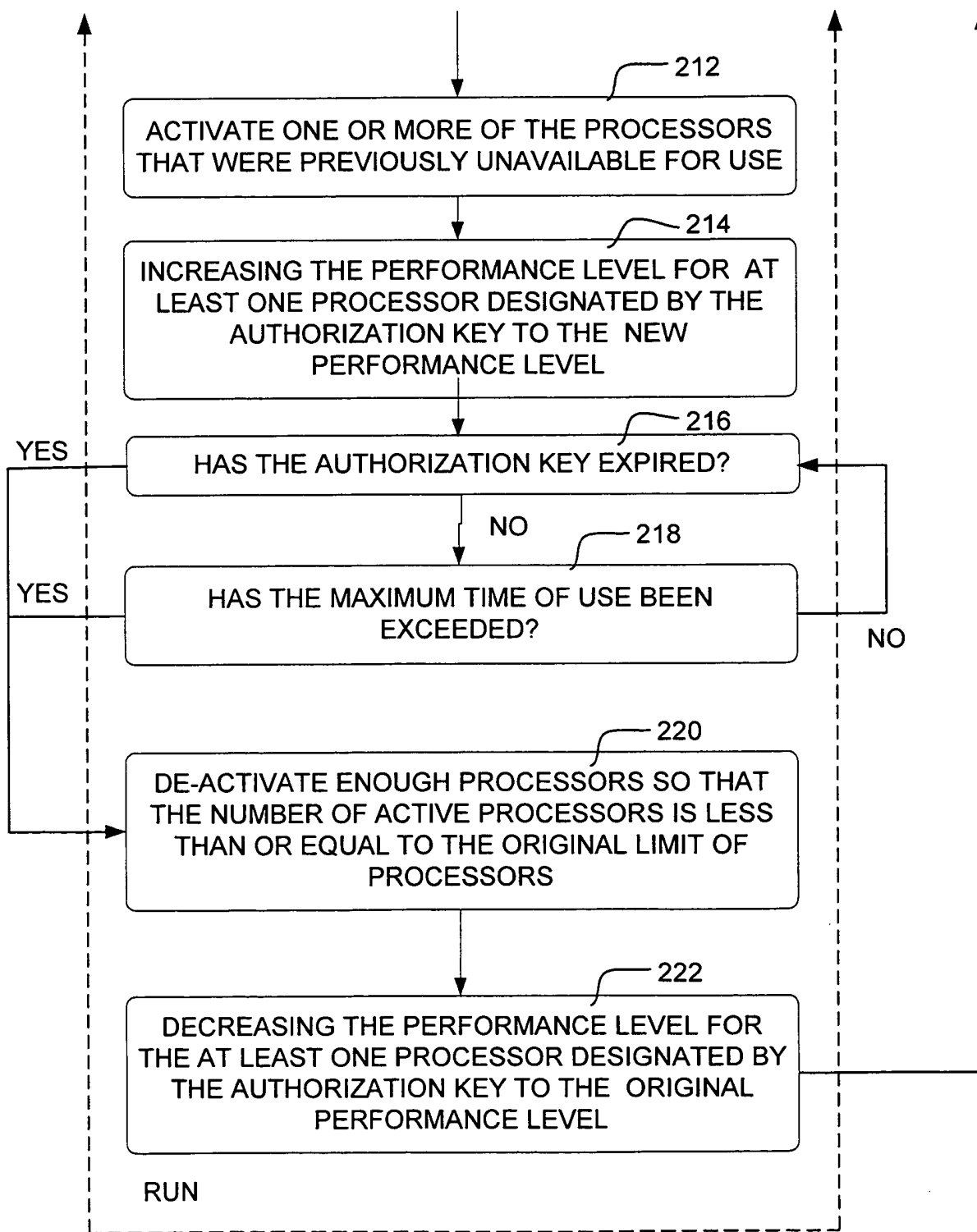
## PERFORM ONE OR MORE IP "UP" COMMANDS

**YES**

## WILL MORE THAN THE NEW LIMIT OF PROCESSORS BE EXCEEDED?

**NO**

**FIG. 17A**



**FIG. 17B**